

RHIC Status

June 23, 2009

- APEX Tuesday 7 PM – Wed. 7 AM. 250 GeV near-integer tune development. Very promising, measured 45 percent polarization at store.
- Maintenance Day on Wednesday, 7 AM - 7 PM. pp2pp ramp (pp100-90pp2pp) is ready for beam development.
- Spin flipper development continues.
- Automatic IR multipole scans at store to improve beam decay.
- Working on improved orbit correction algorithm at store.
- Only few minor problems, steady physics running.

Plan for the week

- Physics, physics, physics...!
- APEX Wednesday 7 AM – 7 PM, continuing 250 GeV near-integer tune development
- 10 h LLRF development on Thursday
- pp2pp starts Monday, 6/29, at 8 AM
- Expect 2 days ramp development for pp2pp, then physics
- If pp2pp reaches their goal, APEX/Machine Development until Monday morning 7/6